Texas A & M University – Corpus Christi
Electrical Engineering – Prerequisite Flowchart

March 30 2015

ENGL 1301
Composition I
TRIAD - CORE
1st semester

HIST 1301
U.S. History to 1865
TRIAD
1st semester

UCCP 1101
First Year Seminar I
1st semester

ENGL 1302
TRIAD
Core Curriculum

HIST 1302
TRIAD
Core Curriculum

UCCP 1102
First Year Seminar II
2nd semester

ENGLISH
Language, Philosophy
and Culture Events
CORE
3rd Semester

POLS 2305
U.S. Government
and Politics
4th Semester

ENGR 2105
Electrical Circuit Lab
4th Semester

COSC 1330
Programming for
3rd Semester

MATH 2305
Discrete Math I
3rd Semester

Technical Elective
5th Semester

EEEN 3315
Electrical Circuit II
5th Semester

MATH 3350
Electronic Systems
Design
5th Semester

POLS 2306
State and Local
Government
6th Semester

Creative Arts
Elective
CORE
6th Semester

EEEN 3310
Electromagnetic
Theory
6th Semester

EEEN 3330
Control Systems I
6th Semester

Technical Elective
6th Semester

COMM 1315
Public Speaking
8th Semester

Technical Elective
8th Semester

ECON 2301
Macroeconomic
Principles

ECON 2302
Microeconomic
Principles

OR

ECON 2301
Macroeconomic
Principles

ECON 2302
Microeconomic
Principles

Math 1314 +
1316 or MATH
2312 or
Placement

Math 1314
College Algebra
is recommended

Math 2413
Calculus I
1st Semester

MATH 2414
Calculus II
2nd Semester

MATH 2413
Calculus I
1st Semester

PHYS 2425
University Physics I
2nd Semester

PHYS 2426
University Physics II
3rd Semester

ENGR 2316
Thermodynamics
4th Semester

ENGR 2322
Materials Science
4th Semester

EEEN 3320
Introduction to Communication Theory and Systems
5th Semester

ENGR 4420
Engineering Measurements
7th Semester

ENGR 4220
Project Management
7th Semester

EEEN 4320
Digital Image Analysis
8th Semester

EEEN 4370
Capstone Project
8th Semester

Electives